

Appl.No.: 09/895,915
Amendment dated December 22, 2004
Response to Office Action mailed September 22, 2004

REMARKS/ARGUMENTS

Claims 1-4 are pending in the application; reexamination and reconsideration are hereby requested.

Claims 1-2 and 4 were rejected as anticipated by Adams. The Examiner cited column 4, lines 18-36 for step (b) of claim 1 and column 4, lines 25-28 for item (b)(iii) of claim 4.

With regard to claim 1, applicants reply that Adams column 8, lines 4-19 provide details of the cited portion and explicitly show the green which is added to the red and blue. In particular, there are three cases, and each case relates to a different green addition. Hence, the limitation of claim 1, step (b) that "... the portion ... in a frequency band ..." is not suggested because Adams has a different frequency band in each of the three cases. Further, the green added does not suggest "... approximating the portion ...". Indeed, the green added in line 8 of column 8 is the (Interpolated) green array filtered by $H(e^{j\omega}, e^{j\epsilon}) = -e^{j\omega} + 2 - e^{-j\omega} = 1 - \cos(\omega)$, and this filter does not approximate the spectrum illustrated in application Figs. 11c-11d.

With regard to claim 4, applicants repeat the foregoing argument that the three cases of Adams column 8, lines 4-19 preclude the suggestion of a third filter in claim 4, item (b)(iii).

Consequently, the independent claims 1 and 4 are patentable over the references.

Claims 1-2 and 4 were rejected under the doctrine of obviousness double patenting.

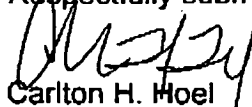
Applicants will submit a terminal disclaimer when the claims are otherwise allowed.

Appl.No.: 09/895,915

Amendment dated December 22, 2004

Response to Office Action mailed September 22, 2004

Respectfully submitted,



Carlton H. Hoel

Reg. No. 29,934

Texas Instruments Incorporated

PO Box 655474, M/S 3999

Dallas, Texas 75265

972.917.4365